



MAR 24 2008

DEPT OF ENVIRONMENT & NATURAL
RESOURCES - RAPID CITY

APPLICATION FOR PERMIT TO DRILL

Type of work:

☒ Drill New well ☐ Reenter Well ☐ Drill Directional Well

☒ Other ☐ Drill New Horizontal Well

Type of well:

☒ Oil Well ☐ Gas Well ☐ Injection

☐ Other

Name and Address of Operator: One Warren Place, 6100 S. Yale, Ste 700, Tulsa, OK 74136 Telephone 74136

Tecton Energy, LLC 3000 Wilcrest, Suite 300, Houston, TX 77042 (281) 668-8068

Name and Address of Surface Owner:

918-488-6416

Bureau of Land Management

Name and Address of Drilling Contractor and Rig Number:

To be determined.

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):

875' FNL 1,515' FEL (NW/4 NE/4) Sec. 1 T22N R2E Lat: 45° 54' 15.98" Long: 103° 48' 58.71"

If Directional, top of pay and bottom hole location from nearest lines of section:

±1,075' FNL ±1,805' FEL (NW/4 NE/4) Sec. 1 T22N R2E – Top of Pay Zone

±500' FSL ±1,880' FEL (SW/4 SE/4) Sec. 2 T22N R2E – Bottomhole Location

Acres in Spacing (Drilling) Unit

Description of Spacing Unit

1,280.00 acres

Well Name and Number		Elevation	Field and Pool, or Wildcat		Proposed Depth and Formation	
Lakota Federal 1-1H		2,987.4'	Wildcat		8,451' TVD 15,047' MD	
Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)	Depth	
1) 12-1/4"	9-5/8"	J-55 36#	2,000'	±400 sxs Premium Lite and ±250 sxs "G"	To surface	
2) 8-3/4"	7"	HCL-80 29# & 32#	8,630'	±500 sxs Premium Lite & ±200 sxs Prm Lite II HS	4,500'	
3) 6"	None	Open Hole	14,942'	None		
4)						

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

April 1, 2008

See attached Drilling Program and Directional Profile

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Signature

Kimberly J. Rodell

Name (Print)

Permit Agent for

Tecton Energy, LLC

Title

Revised: March 21, 2008

Original: February 1, 2008

Date

FOR OFFICE USE ONLY

Approved By:

Title: Oil and Gas Supervisor

Permit No. 1862

API No. 40 063 20637

Date Issued: May 20, 2008

Conditions, if any, on attached page.

See Transfer of operator (copy this file) - Jim